

BERDO 2.0 REPORTING LISTENING SESSION

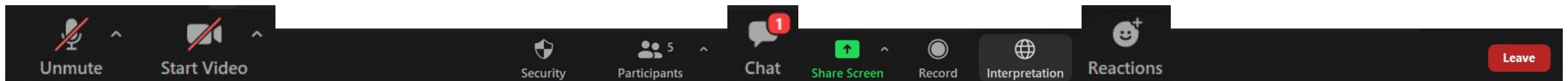
December 1, 2021



WELCOME



- Update your name in Zoom to include your preferred name and your pronouns.
- Your microphones are turned off to start. You will need to unmute to speak. Joining via phone? Press ***6** to unmute.
- You can use non-verbal feedback options. Raise your hand or leave a message in the chat box if you would like to contribute to the discussion. If you called into the meeting, use ***9** to raise your hand.
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AGENDA



- **Introductions**
- **BERDO 2.0 Overview**
- **Outline of Regulations Development Process**
- **Listening Session**
 - *Reporting through Portfolio Manager*
 - *Obtaining utility data*
 - *Reporting renewable energy data*
- **Next Steps**

TEAM MEMBERS

City of Boston Staff



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The background of the slide is a dark blue aerial view of a city grid, rendered in white line art. The lines represent building footprints and streets, creating a complex, geometric pattern. The perspective is from a high angle, looking down on the city.

BERDO 2.0 Overview

Key updates in 2021 amended ordinance

MAYOR MICHELLE WU



BERDO 2.0 Key Features

Building Emissions Reduction and Disclosure Ordinance



- **Annual energy and water use reporting continues**
 - *Annual report for 2021 usage due by May 15, 2022. In 2022, Building Owners may apply for a one-time six-month extension on their reporting deadline.*
- **Buildings greater than 20,000 SF are now subject to BERDO**
 - *Buildings greater than 20,000 square feet or with 15 or more units are now required to meet the requirements under BERDO.*
- **Buildings have multiple pathways to meet emissions standards**
 - *Starting in 2025, buildings will need to meet declining emissions standards. Buildings can reduce their emissions by investing in energy efficiency and fuel switching, installing or purchasing renewable energy, and/or by making alternative compliance payments.*
- **BERDO will be overseen by a new Review Board**
 - *The Review Board will have oversight over BERDO including over a newly established Equitable Emissions Investment Fund, which will fund building emissions reduction projects that prioritize environmental justice.*

Emissions Standards



- Standards were developed through a technical analysis process
- Standards align with Boston's goal to reach net zero emissions by 2050.
- Multi-use buildings can adopt a blended target.

Building use	Emissions standard (kgCO ₂ e/SF/yr.)					
	2025-2029	2030-2034	2035-2039	2040-2044	2045-2049	2050-
Assembly	7.8	4.6	3.3	2.1	1.1	0
College/ University	10.2	5.3	3.8	2.5	1.2	0
Education	3.9	2.4	1.8	1.2	0.6	0
Food Sales & Service	17.4	10.9	8.0	5.4	2.7	0
Healthcare	15.4	10.0	7.4	4.9	2.4	0
Lodging	5.8	3.7	2.7	1.8	0.9	0
Manufacturing/ Industrial	23.9	15.3	10.9	6.7	3.2	0
Multifamily housing	4.1	2.4	1.8	1.1	0.6	0
Office	5.3	3.2	2.4	1.6	0.8	0
Retail	7.1	3.4	2.4	1.5	0.7	0
Services	7.5	4.5	3.3	2.2	1.1	0
Storage	5.4	2.8	1.8	1.0	0.4	0
Technology/Science	19.2	11.1	7.8	5.1	2.5	0

Developed by Synapse Energy Economics for the City of Boston.

New to Reporting in 2022

- **Renewable Energy**

- *On-site renewables*
- *MA Class 1 Renewable Energy Certificate (REC) purchases*
- *Power Purchase Agreements*
- *Community Choice Electricity enrollment*

- **Exempt Energy Uses**

- *Emergency backup generation*
- *Electric vehicle charging*

- **Custom Emissions Factors**

- **Third-Party Data Verification**

- *Required for first year of reporting under BERDO 2.0 and in 2026, 2031 and every five years after.*
- *Must be completed by a qualified energy professional.*

- **Supplemental Reporting Form**

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BERDO Regulations

Proposed approach for regulations development

MAYOR MICHELLE WU



Phased Regulations Process

Proposed process and schedule are subject to change



PHASE 1

Winter 2022

- Reporting Requirements
- Data Verification
- Regulations necessary to enable reporting in 2022

FUTURE PHASES

Spring 2022 - Winter 2023

- Review Board
- Compliance with Emissions Standards
- Hardship Compliance Plan
- Individual Compliance Schedules
- Equitable Emissions Investment Fund
- Additional regulations as needed

A nighttime photograph of a city street, likely in New York City, featuring a church with a dome in the background and people walking on the sidewalk. The image is dark with a blue tint, and the text is overlaid in white.

Listening Session

We want to hear from you

MAYOR MICHELLE WU



Listening Session



- **Questions**

- *What has worked well with BERDO reporting?*
- *What challenges have you faced reporting BERDO data?*
- *What ideas or concerns do you have about the new BERDO reporting requirements?*
- *What suggestions do you have for data verification?*

- **Suggested Topics**

- *Reporting through Portfolio Manager*
- *Obtaining utility data*
- *Reporting renewable energy data*
- *Backup generation data*
- *Correcting reports*

How to participate

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Next Steps

- **Please share additional feedback via [Google Form](https://forms.gle/wRKO9z9CdxHseWc36)**
 - <https://forms.gle/wRKO9z9CdxHseWc36>
- **Slides and meeting notes will be posted on boston.gov/berdo.**
- **Phase 1 Regulations - targeting early January for draft.**
 - *All regulations will have 30-day public comment period prior to adoption.*
- **Reporting guidance documents will be posted online and shared with notification letters to building owners.**

Resources



- **[Boston.gov/berdo](https://boston.gov/berdo) will be updated regularly with guidance on reporting.**
 - *Sign up for the BERDO newsletter to be notified of latest updates.*
- **Environment Department will host webinars in the winter about BERDO compliance.**
 - *Let us know if you have a network that you'd like us to present to.*
- **The [Retrofit Resource Hub](#) is your one stop resource for reducing energy use and emissions.**
 - *Find technical and financial resources about renewable energy, electrification, and efficiency measures.*

THANK YOU!

Please visit boston.gov/berdo for more information and updates.

